

PATENT
Serial No. 09/664,858
Attorney Docket No. 450100-02719

REMARKS

Favorable reconsideration of the application is respectfully requested in light of the amendments and remarks herein.

Upon entry of this amendment, claims 1-2, 4-9, 11-15, and 17-21 will be pending. By this amendment, claims 3, 10, and 16 have been canceled; claims 1, 8, and 15 have been amended. No new matter has been added.

§103 Rejection of Claims 1-6 and 20-21

In Section 13 of the Office Action, the Examiner has rejected claims 1-6 and 20-21 under 35 U.S.C. §103(a) as being unpatentable over Horisawa *et al.* (WO99/34594; hereinafter referred to as "Horisawa"). Claim 1 has been amended to address the rejection.

Independent claim 1, as presented herein, discloses an information processing apparatus, including:

"*a receiver to receive a first type of information from a plurality of different types of information as a transport stream;*

a first storage element to store a plurality of programs corresponding to a plurality of different methods capable of processing said plurality of different types of information;

a second storage element;

a program selector to select a method from said plurality of different methods for processing said first type of information, said program selector selecting different methods for different types of information using a semaphore signal that monitors the transport stream, said selector configured to store said method in said second storage element; and

a processor to process and control said first type of information by reading a program corresponding to said method stored in said second storage element."

(emphasis added)

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Although Horisawa discloses a set top box having a front end adaptable to receive "different kinds of communication media", it fails to teach or suggest having an information processing apparatus including a program selector to select different methods for different types of information using a semaphore signal that monitors the transport stream.

Based on the foregoing discussion, it is submitted that claim 1 is not anticipated by the teachings of Horisawa. Thus, claim 1 should be allowable over Horisawa. Since claims 2, 4-6, and 20-21 depend from claim 1, claims 2, 4-6, and 20-21 should also be allowable over Horisawa. Claim 3 has been canceled.

Accordingly, it is submitted that the Examiner's rejection of claims 1-6 and 20-21 based upon 35 U.S.C. §103(a) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

§102 Rejection of Claims 8-13 and 15-18

In Section 3 of the Office Action, the Examiner has rejected claims 8-13 and 15-18 under 35 U.S.C. §102(e) as being anticipated by Horisawa. Claims 8 and 15 have been amended to address the rejection.

Based on the foregoing discussion regarding Horisawa with respect to claim 1, and since the limitations of claims 8 and 15 closely parallel, and are substantially similar to, the limitations of claim 1, claims 8 and 15 should also be allowable over Horisawa. Since claims 9, 11-13, and 17-18 depend from claims 8 and 15, claims 9, 11-13, and 17-18 should also be allowable over Horisawa. Claims 10 and 16 have been canceled.

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Accordingly, it is submitted that the Examiner's rejection of claims 8-13 and 15-18 based upon 35 U.S.C. §102(e) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

§ 102 Rejection of Claims 8-11 and 15-16

In Section 22 of the Office Action, the Examiner has rejected claims 8-11 and 15-16 under 35 U.S.C. §102(e) as being anticipated by Williams *et al.* (U.S. Patent No. 6,411,735; hereinafter referred to as "Williams"). Claims 8 and 15 have been amended to address the rejection.

Independent claim 8, as presented herein, discloses an information processing method, including:

"receiving a first type of information from a plurality of different types of information as a transport stream;

storing a plurality of programs corresponding to a plurality of different methods capable of processing said plurality of different types of information;

selecting a method from said plurality of different methods for processing said first type of information, said program selector selecting different methods for different types of information using a semaphore signal that monitors the transport stream; and

processing said first type of information by reading a program corresponding to said method."

(emphasis added)

Although Williams discloses having different processors to process different types of images, it fails to teach or suggest an information processing method including selecting different methods for different types of information using a semaphore signal that monitors the transport stream.

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Based on the foregoing discussion, it is submitted that claim 8 is not anticipated by the teachings of Williams. Thus, claim 8 should be allowable over Williams. Since the limitations of claim 15 closely parallel, and are substantially similar to, the limitations of claim 8, claim 15 should also be allowable over Williams. Since claims 9 and 11 depend from claim 8, claims 9 and 11 should also be allowable over Williams. Claims 10 and 16 have been canceled.

Accordingly, it is submitted that the Examiner's rejection of claims 8-11 and 15-16 based upon 35 U.S.C. §102(e) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

§ 103 Rejection of Claims 1-4 and 20-21

In Section 28 of the Office Action, the Examiner has rejected claims 1-4 and 20-21 under 35 U.S.C. §103(a) as being unpatentable over Williams. Claim 1 has been amended to address the rejection.

Based on the foregoing discussion regarding Williams with respect to claim 8, and since the limitations of claim 1 closely parallel, and are substantially similar to, the limitations of claim 8, claim 1 should also be allowable over Williams. Further, since claims 2, 4, and 20-21 depend from claim 1, claims 2, 4, and 20-21 should also be allowable over Williams. Claim 3 has been canceled.

Accordingly, it is submitted that the Examiner's rejection of claims 1-4 and 20-21 based upon 35 U.S.C. §103(a) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

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§ 102 Rejection of Claims 8, 9, and 15

In Section 35 of the Office Action, the Examiner has rejected claims 8, 9, and 15 under 35 U.S.C. §102(e) as being anticipated by Creswell *et al.* (U.S. Patent No. 6,445,783; hereinafter referred to as "Creswell"). Claims 8 and 15 have been amended to address the rejection.

Based on the foregoing discussion, it can be seen that claims 8 and 15 disclose information processing method and program including selecting different methods for different types of information using a semaphore signal that monitors the transport stream.

Although Creswell teaches a specialized processing system having at least one specialized processor, Creswell fails to teach or suggest information processing method or program including selecting different methods for different types of information using a semaphore signal that monitors the transport stream.

Thus, claims 8 and 15 should be allowable over Creswell. Since claim 9 depends from claim 8, claim 9 should also be allowable over Creswell.

Accordingly, it is submitted that the Examiner's rejection of claims 8, 9, and 15 based upon 35 U.S.C. §102(e) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

§ 103 Rejection of Claims 1-2 and 20-21

In Section 39 of the Office Action, the Examiner has rejected claims 1-2 and 20-21 under 35 U.S.C. §103(a) as being unpatentable over Creswell. Claim 1 has been amended to address the rejection.

Based on the foregoing discussion regarding Creswell with respect to claims 8 and 15, and since the limitations of claim 1 closely parallel, and are substantially similar to, the

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limitations of claims 8 and 15, claim 1 should also be allowable over Creswell. Further, since claims 2 and 20-21 depend from claim 1, claims 2 and 20-21 should also be allowable over Creswell.

Accordingly, it is submitted that the Examiner's rejection of claims 1-2 and 20-21 based upon 35 U.S.C. §103(a) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

§ 103 Rejection of Claims 7, 14, and 19

In Section 44 of the Office Action, the Examiner has rejected claims 7, 14, and 19 under 35 U.S.C. §103(a) as being unpatentable over Horisawa, Williams, or Creswell in view of Sokawa *et al.* (EP0794663; hereafter "Sokawa").

Based on the foregoing discussion regarding Horisawa, Williams, and Creswell with respect to claims 1, 8, and 15, and since claims 7, 14, and 19 depend from claims 1, 8, and 15, respectively, claims 7, 14, and 19 should be allowable over Horisawa, Williams, and Creswell.

Since Sokawa fails to teach or suggest an apparatus, method, or program including selecting different methods for different types of information using a semaphore signal that monitors the transport stream, Claims 7, 14, and 19 should be allowable over Horisawa, Williams, or Creswell in view of Sokawa.

Accordingly, it is submitted that the Examiner's rejection of claims 7, 14, and 19 based upon 35 U.S.C. §103(a) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

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Conclusion

In view of the foregoing, entry of this amendment, and the allowance of this application with claims 1-2, 4-9, 11-15, and 17-21 are respectfully solicited.

In regard to the claims amended herein and throughout the prosecution of this application, it is submitted that these claims, as originally presented, are patentably distinct over the prior art of record, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes that have been made to these claims were not made for the purpose of patentability within the meaning of 35 U.S.C. §§101, 102, 103 or 112. Rather, these changes were made simply for clarification and to round out the scope of protection to which Applicant is entitled.

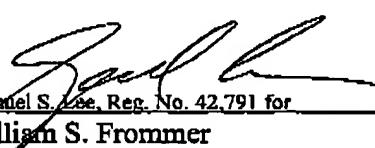
In the event that additional cooperation in this case may be helpful to complete its prosecution, the Examiner is cordially invited to contact Applicant's representative at the telephone number written below.

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account 50-0320.

Respectfully submitted,

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